TEST REPORT

Report No. : NSEL121026NA060
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Emission Stack-Thermal Power Plant	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 11255, CPCB: LATS/80/2013-14	**Period of Sampling**	: 09/10/2026 - 09/10/2026
Sample/Data Collection	: Sample collected by Laboratory	**Date of Sample Receipt**	: 12/10/2026
Source of Emission	: Boiler Stack (Unit-1); (Third Unit) 660 MW	**Period of Analysis**	: 12/10/2026 - 19/10/2026
Stack Description #	: Single, Circular & Metal	**Date of Reporting**	: 19/10/2026
Point of Sample Collection	: From Port Hole after APCD	**Fuel Used**	: Coal + Biomass
APCD Details (If provided)	: ESP Followed with Fabric Filter	**Sample Code**	: 121094026SE
Standard/Specification	: Thermal Power Plant : EPA 1986, Sr. No. 25		
Testing Location	: On Site & Permanent Facility		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Particulate Matter (at 6% O2 Corr.)	mg/Nm3	38	50(max.)	IS 11255 (Part-1)
2	Sulphur dioxide as SO2 (at 6% O2 Corr.)	mg/Nm3	1085	Not Specified	EL-QTM-08
3	Oxides of Nitrogen (at 6% O2 Corr.)	mg/Nm3	178	450(max.)	EL-QTM-08
4	Mercury as Hg	mg/Nm3	BDL (0.01)	0.03(max.)	USEPA Method 29
5	Flue gas velocity	m/s	29.5	Not Specified	IS 11255 : Part 3
6	Moisture	%	15.3	Not Specified	IS 11255 : Part 3
7	Temperature	°C	133	Not Specified	IS 11255 : Part 3
8	Oxygen as O2	%	6.0	Not Specified	EL-QTM-08
9	Carbon dioxide as CO2	%	10.8	Not Specified	EL-QTM-08
10	Carbon Monoxide as CO	mg/Nm3	BDL (5)	Not Specified	EL-QTM-08

Remarks : NA

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

TEST REPORT

Report No. : NSEL121026NA060
ULR No. : NA

TC-11818

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer.

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NSEL121026NA061
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Emission Stack-Thermal Power Plant	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 11255, CPCB: LATS/80/2013-14	**Period of Sampling**	: 09/10/2026 - 09/10/2026
Sample/Data Collection	: Sample collected by Laboratory	**Date of Sample Receipt**	: 12/10/2026
Source of Emission	: Boiler Stack (Unit-2); (First Unit) 660 MW	**Period of Analysis**	: 12/10/2026 - 19/10/2026
Stack Description #	: Single, Circular & Metal	**Date of Reporting**	: 19/10/2026
Point of Sample Collection	: From Port Hole after APCD	**Fuel Used**	: Coal + Biomass
APCD Details (If provided)	: ESP Followed with Fabric Filter	**Sample Code**	: 121093926SE
Standard/Specification	: Thermal Power Plant : EPA 1986, Sr. No. 25		
Testing Location	: On Site & Permanent Facility		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Particulate Matter (at 6% O2 Corr.)	mg/Nm3	32	50(max.)	IS 11255 (Part-1)
2	Sulphur dioxide as SO2 (at 6% O2 Corr.)	mg/Nm3	1068	Not Specified	EL-QTM-08
3	Oxides of Nitrogen (at 6% O2 Corr.)	mg/Nm3	168	450(max.)	EL-QTM-08
4	Mercury as Hg	mg/Nm3	BDL (0.01)	0.03(max.)	USEPA Method 29
5	Flue gas velocity	m/s	28.8	Not Specified	IS 11255 : Part 3
6	Moisture	%	15.7	Not Specified	IS 11255 : Part 3
7	Temperature	°C	130	Not Specified	IS 11255 : Part 3
8	Oxygen as O2	%	6.3	Not Specified	EL-QTM-08
9	Carbon dioxide as CO2	%	10.3	Not Specified	EL-QTM-08
10	Carbon Monoxide as CO	mg/Nm3	BDL (5)	Not Specified	EL-QTM-08

Remarks : NA

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

TEST REPORT

Report No. : NSEL121026NA061
ULR No. : NA

TC-11818

OTHER INFORMATION
Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer.

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

TEST REPORT

Report No. : NSEL121026NA062
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Emission Stack-Thermal Power Plant	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 11255, CPCB: LATS/80/2013-14	**Period of Sampling**	: 09/10/2026 - 09/10/2026
Sample/Data Collection	: Sample collected by Laboratory	**Date of Sample Receipt**	: 12/10/2026
Source of Emission	: Boiler Stack (Unit-3); (Second Unit) 660 MW	**Period of Analysis**	: 12/10/2026 - 19/10/2026
Stack Description #	: Single, Circular & Metal	**Date of Reporting**	: 19/10/2026
Point of Sample Collection	: From Port Hole after APCD	**Fuel Used**	: Coal + Biomass
APCD Details (If provided)	: ESP Followed with Fabric Filter	**Sample Code**	: 121093826SE
Standard/Specification	: Thermal Power Plant : EPA 1986, Sr. No. 25		
Testing Location	: On Site & Permanent Facility		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Particulate Matter (at 6% O2 Corr.)	mg/Nm3	41	50(max.)	IS 11255 (Part-1)
2	Sulphur dioxide as SO2 (at 6% O2 Corr.)	mg/Nm3	1077	Not Specified	EL-QTM-08
3	Oxides of Nitrogen (at 6% O2 Corr.)	mg/Nm3	170	450(max.)	EL-QTM-08
4	Mercury as Hg	mg/Nm3	BDL (0.01)	0.03(max.)	USEPA Method 29
5	Flue gas velocity	m/s	28.7	Not Specified	IS 11255 : Part 3
6	Moisture	%	14.9	Not Specified	IS 11255 : Part 3
7	Temperature	°C	132	Not Specified	IS 11255 : Part 3
8	Oxygen as O2	%	6.1	Not Specified	EL-QTM-08
9	Carbon dioxide as CO2	%	10.6	Not Specified	EL-QTM-08
10	Carbon Monoxide as CO	mg/Nm3	BDL (5)	Not Specified	EL-QTM-08

Remarks : NA

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

TEST REPORT

Report No. : NSEL121026NA062
ULR No. : NA

TC-11818

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer.

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NAAL151026NA019
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Ambient Air	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 5182, EL-MSP-7.3	**Sample/Data Collection**	: Sample collected by Laboratory
Period of Sampling	: 14/10/2026 - 15/10/2026	**Date of Sample Receipt**	: 15/10/2026
Sampling Location	: Village Chehlanwali	**Period of Analysis**	: 15/10/2026 - 21/10/2026
Testing Location	: On Site & Permanent Facility	**Date of Reporting**	: 21/10/2026
Sample Code	: 151098126AA		
Standard/Specification	: National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009		
Environmental Condition	: Partially cloudy weather		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	80	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	43	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	BDL (25)	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	31	80(max.)	IS 5182 (Part 6)
5	Carbon Monoxide as CO	mg/m3	0.78	4(max.)	IS 5182 (Part 10) NDIR method
6	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NAAL151026NA020
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Ambient Air	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 5182, EL-MSP-7.3	**Sample/Data Collection**	: Sample collected by Laboratory
Period of Sampling	: 14/10/2026 - 15/10/2026	**Date of Sample Receipt**	: 15/10/2026
Sampling Location	: Station No.1	**Period of Analysis**	: 15/10/2026 - 21/10/2026
Testing Location	: On Site & Permanent Facility	**Date of Reporting**	: 21/10/2026
Sample Code	: 151098026AA		
Standard/Specification	: National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009		
Environmental Condition	: Partially cloudy weather		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	72	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	43	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	BDL (25)	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	28	80(max.)	IS 5182 (Part 6)
5	Carbon Monoxide as CO	mg/m3	0.80	4(max.)	IS 5182 (Part 10) NDIR method
6	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NAAL151026NA021
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Ambient Air	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 5182, EL-MSP-7.3	**Sample/Data Collection**	: Sample collected by Laboratory
Period of Sampling	: 14/10/2026 - 15/10/2026	**Date of Sample Receipt**	: 15/10/2026
Sampling Location	: Station No.2	**Period of Analysis**	: 15/10/2026 - 21/10/2026
Testing Location	: On Site & Permanent Facility	**Date of Reporting**	: 21/10/2026
Sample Code	: 151097926AA		
Standard/Specification	: National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009		
Environmental Condition	: Partially cloudy weather		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	69	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	36	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	BDL (25)	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	26	80(max.)	IS 5182 (Part 6)
5	Carbon Monoxide as CO	mg/m3	0.69	4(max.)	IS 5182 (Part 10) NDIR method
6	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NAAL151026NA022
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Ambient Air	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 5182, EL-MSP-7.3	**Sample/Data Collection**	: Sample collected by Laboratory
Period of Sampling	: 14/10/2026 - 15/10/2026	**Date of Sample Receipt**	: 15/10/2026
Sampling Location	: Station No.3	**Period of Analysis**	: 15/10/2026 - 21/10/2026
Testing Location	: On Site & Permanent Facility	**Date of Reporting**	: 21/10/2026
Sample Code	: 151097826AA		
Standard/Specification	: National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009		
Environmental Condition	: Partially cloudy weather		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	70	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	39	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	BDL (25)	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	24	80(max.)	IS 5182 (Part 6)
5	Carbon Monoxide as CO	mg/m3	0.67	4(max.)	IS 5182 (Part 10) NDIR method
6	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

Report No. : NAAL151026NA023
ULR No. : NA

TC-11818

Issued To #	Power Mech Projects Limited. Vedanta Power Limited, Talwandi Sabo Thermal Plant. 3x660MW Thermal Power Plant, Banawala, District Mansa, Punjab- 151302.	**Reference Type**	: Work Order No
Name of Sample #	: Ambient Air	**Reference No**	: 5100044398 Dt.: 18/11/2025
Sampling Protocol	: IS 5182, EL-MSP-7.3	**Sample/Data Collection**	: Sample collected by Laboratory
Period of Sampling	: 14/10/2026 - 15/10/2026	**Date of Sample Receipt**	: 15/10/2026
Sampling Location	: Station No.4	**Period of Analysis**	: 15/10/2026 - 21/10/2026
Testing Location	: On Site & Permanent Facility	**Date of Reporting**	: 21/10/2026
Sample Code	: 151097726AA		
Standard/Specification	: National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009		
Environmental Condition	: Partially cloudy weather		

TEST RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	74	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	45	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	BDL (25)	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	29	80(max.)	IS 5182 (Part 6)
5	Carbon Monoxide as CO	mg/m3	0.73	4(max.)	IS 5182 (Part 10) NDIR method
6	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable. # Information provided by customer

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar - EL-0156
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Terms & Conditions

- Test results relate only to the sample tested. Sample not drawn by us unless otherwise stated.
- Remnant but intact (Sealed) sample shall be retained as per Lab's Procedure. Perishable items shall be disposed of after issuing the test report to customers.
- Test report in full or parts shall not be used for promotional, publicity purpose and as evidence in court of law without written permission by top management of Laboratory.
- Giving opinion does not imply endorsement of the tested product.
- Under no circumstances, laboratory accepts any liabilities caused by use or misuse of the test report.
- Legal disputes are subjected to Mohali Jurisdiction only.
- Total liability of Laboratory is limited to the invoiced amount only.
- For any feedback or complaints, please reach us through mobile No. +91 88720 43135 or email quality@ecoparyavaran.org

Eco Paryavaran Laboratories and Consultants Pvt. Ltd.
E-207, Industrial Area, Phase 8B (Sector 74) Mohali Punjab,160071
Phone: 0172-4616225,9781303109
Email: contact@ecoparyavaran.org, md@ecoparyavaran.org
Visit Us: www.ecoparyavaran.org